



MODIFIED FORM PTO-1083

Attorney Docket No. H0003569

Date: September 26, 2003

Inventor(s): Derek RAYBOULD et al.
Serial No. 10/621,071
Filed : July 14, 2003
For : LOW COST BRAZES FOR TITANIUM

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

000128

(Insert Customer Number)

Sir:

Transmitted herewith is an amendment in the above-identified patent application.

- ☒ Supplemental Information Disclosure Statement; Supplemental PTO 1449 and 7 prior art references of non US patents and patent applications
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ Return Receipt Postcard
- ☒ No additional claim fee is required.

☐ Please charge my Deposit Account No. 01-1125 the amount of \$_____. A copy of this transmittal letter is enclosed.

☐ A check in the amount of \$_____ to cover the extension fee is enclosed.

☐ A check in the amount of \$_____ to cover the additional claims.

☒ The Commissioner is hereby authorized to charge payment of the following fees with this communication or credit any overpayment to Deposit Account No. 01-1125. A duplicate copy of this transmittal letter is enclosed.

☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Michael A. Shimokaji, Reg. No. 32,303
Oral Caglar, Reg. No. 44,577

Honeywell International Inc.
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on 9/26/03

Michael A. Shimokaji, Reg. No. 32,303



PATENT
H0003569

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Derek Raybould et al.

Serial No.: 10/621,071

Filing Date: July 14, 2003

For: LOW COST BRAZES FOR
TITANIUM

SUPPLEMENTAL COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits a copy of the prior art listed on the attached Supplemental Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

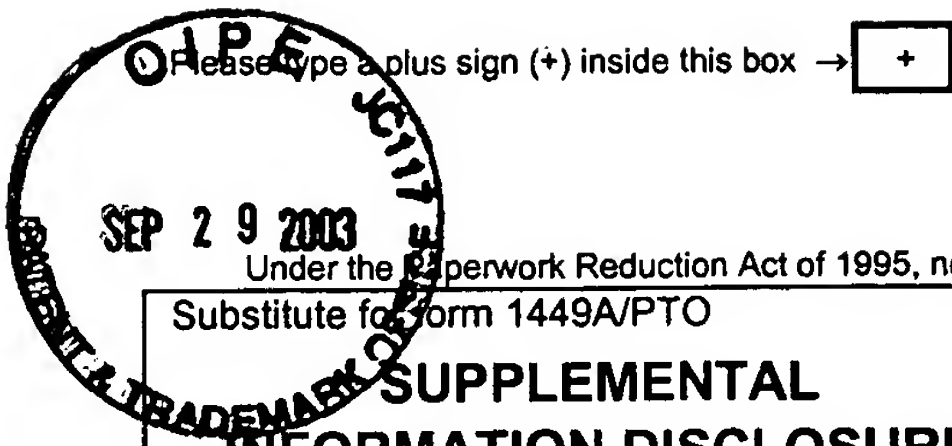
Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Date: September 26, 2003

Michael A. Shimokaji, Reg. No. 32,303
Oral Caglar, Reg. No. 44,577
Attorneys for Applicant

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|---|-----------|---|-------------------------------|-----------------------|
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary) | | | | Complete if Known | |
| | | | | Applicati n Number | 10/621,071 |
| | | | | Filing Dat | July 14, 2003 |
| | | | | First Named Invent r | Derek RAYBOULD et al. |
| | | | | Group Art Unit | |
| Examiner Name | | | | Attorney Docket Number | H0003569 |
| Sheet | 1 | of | 1 | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|------------|---|-----|
| Examiner Initials* | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when Appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| ✓ | 11 | HOFFMAN, "Evaluation of Enhanced Diffusion Bonded Beta Titanium Honeycomb Core Sandwich Panels With Alpha-2 Titanium Aluminide Face Sheets," NASP Technical Memorandum, 1191 p. 1135. | |
| ✓ | 12 | CADDEN, "Microstructural Evolution and Mechanical Properties and Braze Joints in Ti-13.4 Al-21.2 Nb," Welding Research Supplement, August 1997, pp.316-325s. | |
| ✓ | 13 | ONZAWA ET AL., "Brazing of Titanium Using Low-Melting Point Ti-Based Filler Metals," Welding Research Supplement, December 1990, pp. 462-467s. | |
| ✓ | 14 | HUANG ET AL., "Effect of Heat Treatment on the Microstructure of a Metastable .beta.-Titanium Alloy," Journal of Materials Engineering and Performance, August 1994, v. 3(4), pp. 560-566. | |
| ✓ | 15 | BOTSTEIN ET AL. "Brazing of titanium-based alloys with amorphous 25 wt. % Ti-25 wt. % Zr-50 wt. % Cu filler metal," Materials Science and Engineering, 1994, pp. 305-315. | |
| ✓ | 16 | RABINKIN, "New Applications for Rapidly Solidified Brazing Foils," Welding Journal, October 1989, pp. 39-46. | |
| | 17 | SORENSEN, "Titanium Matrix Composites," NASP Contractor Report, 1990 p. 1096. | |
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|---------------------------|--|------------------------|--|
| Examiner Signature | | Date Considered | |
|---------------------------|--|------------------------|--|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

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